

determination with respect to the factors set forth in this paragraph, as each case may require. This procedure also applies to any application that involves use of a frequency which is not in accordance with the provisions of the rules in this part, although in accordance with the Table of Frequency Allocations contained in part 2 of this chapter. (An application which involves use of a frequency which is not in accordance with the Table of Frequency Allocations in part 2 of this chapter should be filed in accordance with the provisions of part 5 of this chapter, Experimental Radio Services (other than Broadcast).) The factors with respect to which the Commission will make a preliminary determination before acting on an application filed under this paragraph are as follows:

(1) That the public interest, convenience or necessity warrants consideration of the establishment of the proposed service or the use of the proposed frequency;

(2) That the proposed operation appears to warrant consideration to effect a change in the provisions of the rules in this part; and/or

(3) That some operational data should be developed for consideration in any rule making proceeding which may be initiated.

(b) Applications for stations which are intended to be used in the development of a proposed service shall be accompanied by a petition to amend the Commission's rules with respect to frequencies and such other items as may be necessary to provide for the regular establishment of the proposed service.

[44 FR 60534, Oct. 19, 1979, as amended at 52 FR 37784, Oct. 9, 1987]

**§ 21.404 Terms of grant; general limitations.**

(a) Developmental authorizations normally shall be issued for one year, or such shorter term as the Commission may deem appropriate in any particular case, and shall be subject to cancellation without hearing by the Commission at any time upon notice to the licensee.

(b) Where some phases of the developmental program are not covered by the general rules of the Commission or by the rules of this part, the Commission

may specify supplemental or additional requirements or conditions in each case as it may deem necessary in the public interest, convenience or necessity.

(c) Frequencies allocated to the service toward which such development is directed will be assigned for developmental operation on the basis that no interference will be caused to the regular services of stations operating in accordance with the Commission's Table of Frequency Allocations (§ 2.106 of this chapter).

(d) The rendition of communication service for hire is not permitted under any developmental authorizations unless specifically authorized by the Commission.

(e) The grant of a developmental authorization carries with it no assurance that the developmental program, if successful, will be authorized on a permanent basis either as to the service involved or the use of the frequencies assigned or any other frequencies.

**§ 21.405 Supplementary showing required.**

(a) Authorizations for development of a proposed radio service in the services included in this part will be issued only upon a showing that the applicant has a definite program of research and development, the details of which shall be set forth, which has reasonable promise of substantial contribution to these services within the term of such authorization. A specific showing should be made as to the factors which qualify the applicant technically to conduct the research and development program, including a description of the nature and extent of engineering facilities that the applicant has available for such purposes.

(b) Expiring developmental authorizations may be renewed only upon the applicant's compliance with the applicable requirements of § 21.406 (a) and (b) relative to the authorization sought to be renewed and upon a factual showing that further progress in the program of research and development requires further radio transmission and that the

## Federal Communications Commission

## § 21.901

public interest, convenience or necessity would be served by renewal of such authorization.

[44 FR 60534, Oct. 19, 1979, as amended at 52 FR 37784, Oct. 9, 1987]

### **§ 21.406 Developmental report required.**

(a) Upon completion of the program of research and development, or, in any event, upon the expiration of the instrument of station authorization under which such investigations were permitted, or at such times during the term of the station authorization as the Commission may deem necessary to evaluate the progress of the developmental program, the licensee shall submit, in duplicate, a comprehensive report on the following items, in the order designated:

- (1) Report on the various phases of the project which were investigated.
- (2) Total number of hours of operation on each frequency assigned.
- (3) Copies of any publication on the project.
- (4) A listing of any patents applied for, including copies of any patents issued as a consequence of the activities carried forth under the authorization.
- (5) Detailed analysis of the result obtained.
- (6) Any other pertinent information.

(b) In addition to the information required by paragraph (a) of this section, the developmental report of a station authorized for the development of a proposed radio service shall include comprehensive information on the following items:

- (1) Probable public support and methods of its determination.
- (2) Practicability of service operations.
- (3) Interference encountered.
- (4) Pertinent information relative to merits of the proposed service.
- (5) Propagation characteristics of frequencies used, particularly with respect to the service objective.
- (6) Frequencies believed to be more suitable and reasons therefor.
- (7) Type of signals or communications employed in the experimental work.

(c) Normally, developmental reports will be made a part of the Commis-

sion's public records. However, an applicant may request that the Commission withhold from the public certain reports and associated material relative to the accomplishments achieved under developmental authorization, and, if it appears that such information should be withheld, the Commission will so direct.

## **Subparts G—J [Reserved]**

## **Subpart K—Multipoint Distribution Service**

### **§ 21.900 Eligibility.**

Authorizations for stations in this service will be granted to existing and proposed communications common carriers and non-common carriers. Applications will be granted only in cases where it can be shown that:

- (a) The applicant is legally, financially, technically, and otherwise qualified to render the proposed service;
- (b) There are frequencies available to enable the applicant to render a satisfactory service; and
- (c) The public interest, convenience and necessity would be served by a grant thereof.

The applicant shall state whether or not service will be provided on a common carrier or non common carrier basis. In addition, a common carrier applicant shall state whether there is any affiliation or relationship to any intended or likely subscriber or program originator.

[52 FR 27556, July 22, 1987, as amended at 56 FR 57817, Nov. 14, 1991; 60 FR 36552, July 17, 1995]

### **§ 21.901 Frequencies.**

(a) Frequencies in the bands 2150–2162 MHz, 2596–2644 MHz, 2650–2656 MHz, 2662–2668 MHz, and 2674–2680 MHz are available for assignment to fixed stations in this service. Frequencies in the band 2150–2160 MHz are shared with non-broadcast omnidirectional radio systems licensed under other parts of the Commission's Rules, and frequencies in the band 2160–2162 MHz are shared with directional radio systems authorized in other common carrier services. Frequencies in the 2596–2644